

**Notice of Allowability**

Application No.

09/865,293

Examiner

Thomas H. Stevens

Applicant(s)

REICHENTHAL, STEVEN W.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/21/05.
2. ☒ The allowed claim(s) is/are 1-21,23-25.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**WILLIAM THOMSON**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

### **DETAILED ACTION**

1. Claims 1-21,23-25 were examined.
2. Claim 22 was cancelled.
3. Claims 1-21,23-25 are allowed.

### ***Section I: Reasons for Allowance (4<sup>th</sup> Office Action)***

4. While Miller et al. ("JSIM: A Java-based Simulation and Animation Environment) (hereafter Miller) teaches a simulation comprising a simulation reference which includes simulation reference simulator comprises: an item manager for loading properties of each of said items of the simulation model; and an event manger for processing the simulation model (claim 1); a method of conduction simulations comprising: defining a simulation model, communicating said model to a simulation reference simulator; and providing an output of modeled events (claim 9); a computer system for performing simulations comprising: a host for providing a simulation model comprising simulation, a simulation reference simulator for processing said simulation model and an output terminal for outputting the processes of said simulation model (claim 23) Huang et al., (Huang et al., "Building a Web-Based Federated Simulation System with Jini and XML") a computer-readable storage medium having computer-readable program code devices embodied therein for simulating events, comprising: instructions representing a simulation model having a plurality of items wherein each Item represents an article, process or system and includes a Property, said Property including an ItemClass for

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associating items (claim 17), <sup>none</sup> ~~None~~ of these references taken either alone or in combination with the prior art of record disclose a resource SRML simulation model, including:

- (claim 1) *"includes simulation behavior and structure of items contained therein by way of simulation specific scripts and markup wherein said simulation reference simulator responds to said simulation specific scripts"*
- (claim 9) *"having simulation specific scripts with Simulation Reference Markup Language (SMRL) that is domain specific to simulations"*
- (claim 17) *"comprising simulation specific scripts"*
- (claim 23) *"comprising simulation specific scripts".*

While Miller teaches an item manager for loading properties of each of said items of the simulation model; and an event manger for processing the simulation model, none of these references taken either alone or in combination with the prior art of record disclose Simulation Reference Markup Language (SMRL), including simulation specific scripts, in combination with remaining elements and features of the claimed invention.

It is for these reasons that the applicant's invention defines over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

***Section II: Response to Applicant's Arguments***

***103(a) Rejection***

5. Applicant is thanked for addressing this issue. The 103 rejection from the last office action is withdrawn.

***37 C.F.R. 1.131***

6. Applicant is thanked for addressing this issue. By applicant's request and in view of the issue of allowance, the declaration is disregarded.

***Correspondence Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mr. Tom Stevens whose telephone number is 571-272-3715, Monday-Friday (8:00 am- 4:30 pm EST).

If attempts to reach the examiner by telephone are unsuccessful, please contact examiner's supervisor Mr. Leo Picard ((571) 272-3749). The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status

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information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Answers to questions regarding access to the Private PAIR system, contact the Electronic Business Center (EBC) (toll-free (866-217-9197)).

November 21, 2005

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